

Message

From: Simon, Michelle [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=A5BCF673944B4F04BBE1EA3D564464E8-SIMON, MICHELLE]
Sent: 7/15/2020 7:24:57 PM
To: Heineman, Mitchell [HeinemanMC@cdmsmith.com]
Subject: RE: Soliciting volunteers for EWRI Stormwater Modeling Teaching Tools Task Committee

I will join. I will check for others. Do not worry – the PyQGIS GUI will not be ready for at least another year. Do not wait on it.

Michelle

Michelle Simon, Ph.D., P.E.
EPA Office of Research and Development
Center for Environmental Solutions and Emergency Response
Water Infrastructure Division
26 West Martin Luther King Drive MS 689
Cincinnati, OH 45268
513-569-7469 phone Ex. 6 Personal Privacy (PP) cell 513-569-7658 fax

From: Heineman, Mitchell <HeinemanMC@cdmsmith.com>
Sent: Wednesday, July 15, 2020 3:16 PM
To: Simon, Michelle <Simon.Michelle@epa.gov>
Subject: RE: Soliciting volunteers for EWRI Stormwater Modeling Teaching Tools Task Committee

Hi Michelle – Thanks very much for that contribution. I remember surprising you after the webinar that I was “lurking” in the audience! I currently have the volunteers listed below for the committee. We’re short on gender diversity and youth (two under 50, none under 40). I think that it would be good to have someone from EPA involved, although I suppose as long as we have open communication, it’s not imperative. My main concern in this area is which SWMM interface we use for preparing videos. I know the PyQGIS interface continues to progress, and that it doesn’t look all that different from the Delphi. However, it would be silly to prepare materials using the existing interface only to find it superseded a short time later. Similarly, we would not necessarily limit ourselves to SWMM; tools such as those at <https://www.epa.gov/water-research/green-infrastructure-modeling-toolkit> would also be of interest. Would you be interested in joining the group or can you recommend a colleague who could help ensure that our training materials mesh with EPA’s plans?

Position	Name	Firm or Agency	Email	Phone Number	ASCE/EWRI Member No.	New Professional?
Chair	Mitchell Heineman	CDM Smith	heinemanmc@cdmsmith.com	617-452-6359	252793	No
Vice Chair						
Secretary						
Member	Shirley Clark	Penn State Harrisburg	seclark@psu.edu	717-948-6127	327326	No

Member	Ted Cleveland	Texas Tech University	theodore.cleveland@ttu.edu	806-834-5101		No
Member	Robert Dickinson	Innovyze	Robert.Dickinson@innovyze.com	813-712-0664	11339276	No
Member	Michael Gregory	Computational Hydraulics International	mike@chiwater.com	519-650-8697	----	No
Member	Arash Massoudieh	Catholic University of America	massoudieh@cua.edu	202-319-5671		No
Member	Rajesh Rajan	CDM Smith	RajanR@cdmsmith.com	215-239-6459	868579	No
Member	David Sample	Virginia Tech University	dsample@vt.edu	571-229-0755		No
Member	Robert Traver	Villanova University	robert.traver@villanova.edu	610-519-7899		No

From: Simon, Michelle <Simon.Michelle@epa.gov>

Sent: Wednesday, July 15, 2020 1:31 PM

To: Heineman, Mitchell <HeinemanMC@cdmsmith.com>

Subject: RE: Soliciting volunteers for EWRI Stormwater Modeling Teaching Tools Task Committee

Mitch,

I would like to contribute my 2018 "Introduction to SWMM Talk" on <https://www.epa.gov/waterdata/surface-water-quality-modeling-training> <https://www.youtube.com/watch?v=4Ys6jADRDpg&feature=youtu.be>

as a starting point for this teaching tools and update it with links to more in depth subject videos.

EPA presentations are in the public domain.

CHI Water and others have excellent presentations but they may wish to keep them proprietary.

Michelle

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EPA Office of Research and Development
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Cincinnati, OH 45268
513-569-7469 phone Ex. 6 Personal Privacy (PP) cell 513-569-7658 fax

From: Heineman, Mitchell <HeinemanMC@cdmsmith.com>

Sent: Saturday, July 11, 2020 3:27 PM

To: Azadeh.Bloorchian@stantec.com; earai@appliedfl.com; mdbartos@umich.edu; tbatronev@akrf.com; abrackbill@cityoflancasterpa.com; rw@uwtrshd.com; bob.carr@wrm-llc.com; dan.christian@tetrattech.com; seclark@psu.edu; Robert.E.Dickinson@innovyze.com; aealles@wrightwater.com; ali.ebrahimian@villanova.edu; Elizabeth Fassman-Beck <elizabethfb@scwrrp.org>; david.fortune@innovyze.com; mike@chiwater.com; saki.handa@mottmac.com; rhoocker@cityoflancasterpa.com; hodges@mail.utexas.edu; chomer8605@outlook.com; shawn.huang@innovyze.com; scott.jeffers@anthroeng.com; sjohnson@mwmoo.org; hlenhart@wrightwater.com; David Sample <dsample@vt.edu>; blucas@greeneearthops.com; dmarchese@optirtc.com; Martens, Gary <MartensGD@cdmsmith.com>; massoudieh@cua.edu; Bryant McDonnell <bmcdonnell@emnet.net>; Erica R. McKenzie <ermckenzie@temple.edu>; dan@DEMedinaAssoc.com; OConnor, Thomas <OConnor.Thomas@epa.gov>; linda.pechacek@sbcglobal.net; aporesky@geosyntec.com; mquigley@ecolucid.com; Rajan, Rajesh <RajanR@cdmsmith.com>; ranckcj@bv.com; rjryan@temple.edu; majid.sadeghi@lacity.org; David Sample <dsample@vt.edu>; Simon, Michelle <Simon.Michelle@epa.gov>; dspelman@bradley.edu; sstruck@geosyntec.com; robert.traver@villanova.edu; benu <benu@uwtrshd.com>; bridget.wadzuk@villanova.edu; tom.walski@bentley.com; Harry Zhang <hzhang@werf.org>; jzhou@siue.edu; mike@chiwater.com; pad@dhigroup.com; theodore.cleveland@ttu.edu

Subject: Soliciting volunteers for EWRI Stormwater Modeling Teaching Tools Task Committee

Dear EWRI Stormwater Modeling Committee participants:

Please let me know if you are interested in joining a proposed Teaching Tools three-year task committee and how you would envision your contribution to the committee.

The committee's draft purpose statement states that it will develop short videos and associated teaching tools on various aspects of stormwater modeling. The models used will be freeware supplied by governmental entities, with an initial focus on models supplied by the US government. These videos will address basic features of obtaining data for modeling and building and interpreting the results of the model, as examples. The videos will be designed to be used by junior and senior level undergraduate students, graduate students, and entry-level engineers with limited or no experience in stormwater modeling. The videos will be hosted on the [EWRI YouTube](#) channel and linked through the [EWRI Stormwater](#) website. The committee will primarily address EWRI's Strategic Plan goal to advance educational and professional resources for environmental professionals. The videos will be teaching tools that support classroom faculty, while also appropriate for independent use by students and young professionals interested in the subject. The project will also encourage more environmental professionals to see EWRI as a key professional resource.

The EPA SWMM model will be a core focus of the committee. There are numerous existing YouTube videos about SWMM, e.g.:

[Interface overview](#) (Ted Cleveland)

[Sewer flow](#) (Ted Cleveland)

[Open-channel flow](#) (Ted Cleveland)

[All about nodes](#) (Ted Cleveland)

[Hydrology theory](#) (Powerpoint, Karen Finney, CHI)

[One-pipe model](#) (Bob Dickinson)

[Pumps](#) (Bob Dickinson)

[Orifice controls](#) (Bob Dickinson)

[Flood mapping](#) (Bob Dickinson)

More from Ted: www.youtube.com/c/TedCleveland/videos

More from Bob: www.youtube.com/c/SWMM5/videos

I look forward to hearing from you.

Regards,

Mitch Heineman, PE, D.WRE, BCEE

Associate

CDM Smith

75 State Street, Suite 701, Boston, MA 02109

617.452.6359

Connect with me on [LinkedIn](#)

cdmsmith.com



[Lots of SWMM resources](#)